



July 2009

**DEPARTMENT OF EDUCATION**  
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at [www.maine.gov/education/mea/index.htm](http://www.maine.gov/education/mea/index.htm).

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron  
Commissioner of Education



## School Report Grade 5

Test Date: March 2009  
Code: 12711821  
SAU: Indian Township  
School: Indian Township School

### Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

<i>Topic</i>	<i>Page</i>
Summary of Scores .....	2
Summary of Student Participation .....	3
English Language Arts – Reading Results .....	4-6
Mathematics Results .....	7-9
Science Results .....	10-12

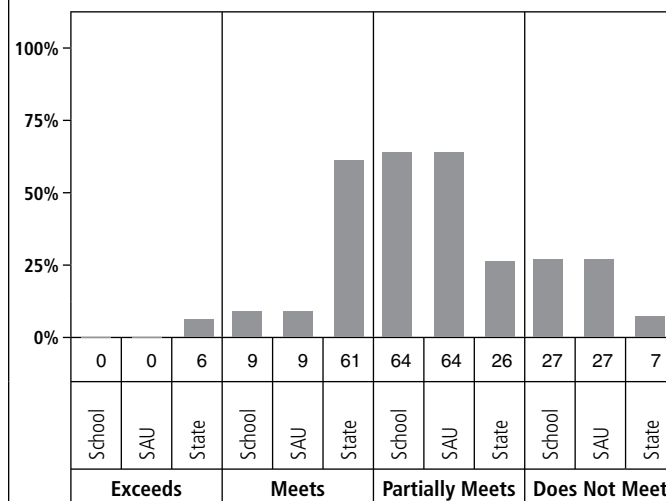
# SUMMARY OF SCORES

Test Date: March 2009  
Grade: 5  
SAU: Indian Township  
School: Indian Township School

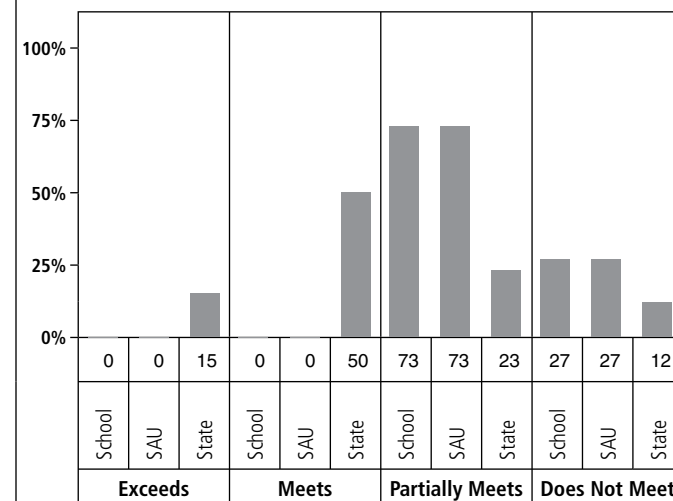
## Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
<b>ELA – Reading</b>			
2006–2007	537	537	544
2007–2008	532	531	545
<b>2008–2009</b>	<b>535</b>	<b>535</b>	<b>546</b>
Cum. Avg.*	535	535	545
<b>Mathematics</b>			
2006–2007	528	528	546
2007–2008	526	525	546
<b>2008–2009</b>	<b>533</b>	<b>533</b>	<b>547</b>
Cum. Avg.*	529	529	546
<b>Science</b>			
<b>2008–2009 **</b>	<b>526</b>	<b>526</b>	<b>543</b>

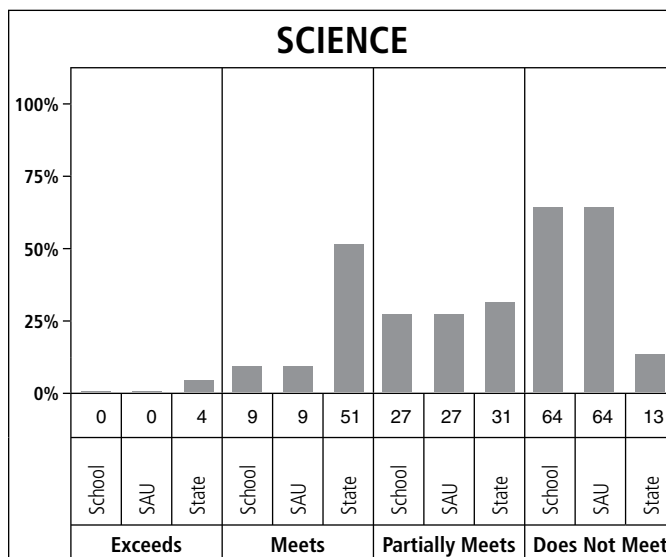
### ELA – READING



### MATHEMATICS



### SCIENCE



\*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

\*\*Because science testing moved from grade 4 to grade 5 in March 2009, science standards were reset and therefore no historical data are available.

# SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009  
Grade: 5  
SAU: Indian Township  
School: Indian Township School

CATEGORY OF PARTICIPATION	Enrollment <sup>1</sup> during testing window						CONTENT AREA PARTICIPATION <sup>2</sup>																	
							ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
<b>Total number of students</b>	11	100	11	100	14212	100	11	100	11	100	14135	100	11	100	11	100	14144	100	11	100	11	100	14137	100
<b>Ethnicity</b> African American/Black	0	0	0	0	397	3	0	0	0	0	388	98	0	0	0	0	393	99	0	0	0	0	389	98
American Indian or Native Alaskan	11	100	11	100	110	1	11	100	11	100	110	100	11	100	11	100	110	100	11	100	11	100	110	100
Asian or Pacific Islander	0	0	0	0	259	2	0	0	0	0	253	98	0	0	0	0	258	100	0	0	0	0	257	99
Hispanic	0	0	0	0	175	1	0	0	0	0	172	99	0	0	0	0	172	99	0	0	0	0	173	99
Caucasian/White	0	0	0	0	13271	93	0	0	0	0	13212	100	0	0	0	0	13211	100	0	0	0	0	13208	100
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Identified disability</b>	1	9	1	9	2479	17	1	100	1	100	2454	100	1	100	1	100	2455	100	1	100	1	100	2451	99
<b>Current LEP</b>	11	100	11	100	374	3	11	100	11	100	359	96	11	100	11	100	370	99	11	100	11	100	366	98
<b>Economically disadvantaged</b>	9	82	9	82	5848	41	9	100	9	100	5815	100	9	100	9	100	5819	100	9	100	9	100	5812	100
<b>Migrant</b>	1	9	1	9	8	0	1	100	1	100	8	100	1	100	1	100	8	100	1	100	1	100	8	100

MODE OF PARTICIPATION <sup>3</sup>	ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
<b>Participation without accommodations</b>	7	64	7	64	10849	76	7	64	7	64	10872	76	7	64	7	64	10976	77
Identified disability (PET/IEP)	0	0	0	0	298	3	0	0	0	0	307	3	0	0	0	0	338	3
LEP	7	100	7	100	170	2	7	100	7	100	169	2	7	100	7	100	177	2
504 plan	0	0	0	0	123	1	0	0	0	0	121	1	0	0	0	0	126	1
<b>Participation with accommodations</b>	4	36	4	36	3122	22	4	36	4	36	3124	22	4	36	4	36	3019	21
Identified disability (PET/IEP)	1	25	1	25	1992	64	1	25	1	25	2000	64	1	25	1	25	1971	65
LEP	4	100	4	100	184	6	4	100	4	100	196	6	4	100	4	100	184	6
504 plan	0	0	0	0	84	3	0	0	0	0	86	3	0	0	0	0	81	3
Other	0	0	0	0	907	29	0	0	0	0	886	28	0	0	0	0	826	27
<b>Participation through alternate assessment (PAAP)</b>	0	0	0	0	164	1	0	0	0	0	148	1	0	0	0	0	142	1
Identified disability (PET/IEP)	0	0	0	0	164	100	0	0	0	0	148	100	0	0	0	0	142	100
LEP	0	0	0	0	5	3	0	0	0	0	5	3	0	0	0	0	5	4
504 plan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Approved non-participation in reading – 1st year LEP</b>	0	0	0	0	0	0												
<b>Approved non-participation – special consideration</b>	0	0	0	0	19	0	0	0	0	0	19	0	0	0	0	0	20	0
<b>Non-participation – other</b>	0	0	0	0	58	0	0	0	0	0	49	0	0	0	0	0	55	0

<sup>1</sup>Percents are the percentage of students enrolled in each participation category.

<sup>2</sup>Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

<sup>3</sup>Percents are the percentage of students in each content area by mode.

# ELA–READING RESULTS

Test Date: March 2009  
Grade: 5  
SAU: Indian Township  
School: Indian Township School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 562–580)	2006-2007	0	0	0	0	702	5
	2007-2008	0	0	0	0	659	5
	<b>2008-2009</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>836</b>	<b>6</b>
	Cum. Total*	0	0	0	0	2197	5
<b>Meets the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 542–560)	2006-2007	3	20	3	20	7730	55
	2007-2008	1	10	1	9	8195	58
	<b>2008-2009</b>	<b>1</b>	<b>9</b>	<b>1</b>	<b>9</b>	<b>8495</b>	<b>61</b>
	Cum. Total*	5	14	5	14	24420	58
<b>Partially Meets the Standards</b> – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 532–540)	2006-2007	11	73	11	73	4182	30
	2007-2008	5	50	5	45	3800	27
	<b>2008-2009</b>	<b>7</b>	<b>64</b>	<b>7</b>	<b>64</b>	<b>3667</b>	<b>26</b>
	Cum. Total*	23	64	23	62	11649	28
<b>Does Not Meet the Standards</b> – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 500–530)	2006-2007	1	7	1	7	1419	10
	2007-2008	4	40	5	45	1362	10
	<b>2008-2009</b>	<b>3</b>	<b>27</b>	<b>3</b>	<b>27</b>	<b>973</b>	<b>7</b>
	Cum. Total*	8	22	9	24	3754	9

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	48	100	21.7	45.2	21.7	45.2	30.8	64.2
A1/A2 Interconnected Elements/Literary Text	24	50	11.2	46.7	11.2	46.7	15.0	62.5
A1/A3 Interconnected Elements/Informational Text	24	50	10.5	43.8	10.5	43.8	15.8	65.8

The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at:  
<http://www.maine.gov/education/lres/pei/index.html>.

# ELA-READING RESULTS

## (CONTINUED)

Test Date: March 2009  
Grade: 5  
SAU: Indian Township  
School: Indian Township School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	11	0	0	1	9	7	64	3	27	535	11	0	9	64	27	535	13971	6	61	26	7	546
<b>Ethnicity</b>																						
African American/Black	0										0						381	2	44	31	23	540
American Indian or Native Alaskan	11	0	0	1	9	7	64	3	27	535	11	0	9	64	27	535	110	0	48	38	14	541
Asian or Pacific Islander	0										0						252	11	58	21	11	547
Hispanic	0										0						166	4	54	32	10	543
Caucasian/White	0										0						13062	6	62	26	6	546
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	1										1						2290	0	29	47	23	537
No	10	0	0	1	10	7	70	2	20	536	10	0	10	70	20	536	11681	7	67	22	4	548
<b>Current LEP</b>																						
Yes	11	0	0	1	9	7	64	3	27	535	11	0	9	64	27	535	354	1	35	34	30	538
No	0										0						13617	6	61	26	6	546
<b>Economically disadvantaged</b>																						
Yes	9	0	0	1	11	6	67	2	22	536	9	0	11	67	22	536	5716	2	51	35	12	542
No	2										2						8255	9	67	20	4	548
<b>Migrant</b>																						
Yes	1										1						8	0	38	25	38	538
No	10	0	0	1	10	7	70	2	20	535	10	0	10	70	20	535	13963	6	61	26	7	546
<b>Gender</b>																						
Female	7	0	0	1	14	4	57	2	29	536	7	0	14	57	29	536	6882	8	62	24	6	547
Male	4										4						7089	4	60	28	8	545
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	11	0	0	1	9	7	64	3	27	535	11	0	9	64	27	535	1914	1	41	44	14	540
No	0										0						12057	7	64	23	6	547
<b>Gifted/talented program</b>																						
Yes	0										0						450	26	72	2	0	557
No	11	0	0	1	9	7	64	3	27	535	11	0	9	64	27	535	13521	5	60	27	7	545

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

# ELA-READING RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009  
Grade: 5  
SAU: Indian Township  
School: Indian Township School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	0										0						4	2	40	34	24	540
B. less than one hour	82	0	0	1	11	6	67	2	22	535	82	0	11	67	22	535	70	6	63	26	6	546
C. one to two hours	18	0	0	0	0	1	50	1	50	533	18	0	0	50	50	533	24	7	61	26	6	546
D. more than two hours	0										0						2	4	42	33	21	541
<b>Which of the following best describes how you rate yourself as a student in reading?</b>																						
A. very good	27	0	0	0	0	2	67	1	33	533	27	0	0	67	33	533	36	10	67	18	5	549
B. good	36	0	0	1	25	3	75	0	0	539	36	0	25	75	0	539	47	5	62	27	6	546
C. fair	27	0	0	0	0	1	33	2	67	529	27	0	0	33	67	529	15	2	47	40	12	541
D. poor	9	0	0	0	0	1	100	0	0	540	9	0	0	100	0	540	2	0	30	46	24	537
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?</b>																						
A. The questions on the test match what I have learned in reading class.	18	0	0	0	0	1	50	1	50	527	18	0	0	50	50	527	31	9	65	20	5	548
B. They match some of what I have learned.	64	0	0	1	14	4	57	2	29	536	64	0	14	57	29	536	55	5	63	27	5	546
C. They match just a little of what I have learned.	9	0	0	0	0	1	100	0	0	536	9	0	0	100	0	536	10	3	45	38	14	542
D. There is no match.	9	0	0	0	0	1	100	0	0	538	9	0	0	100	0	538	3	1	31	41	27	537
<b>How difficult was the reading part of this test?</b>																						
A. more difficult than my regular schoolwork	9	0	0	0	0	1	100	0	0	536	9	0	0	100	0	536	16	3	49	32	15	542
B. about the same as my regular schoolwork	73	0	0	0	0	5	63	3	38	533	73	0	0	63	38	533	64	7	63	25	5	547
C. easier than my regular schoolwork	18	0	0	1	50	1	50	0	0	542	18	0	50	50	0	542	20	5	62	26	7	546
<b>How difficult were the reading passages on this test?</b>																						
A. Most of the passages were more difficult than what I normally read.	27	0	0	0	0	2	67	1	33	533	27	0	0	67	33	533	10	1	33	42	24	538
B. Most of the passages were about the same as what I normally read.	55	0	0	1	17	4	67	1	17	536	55	0	17	67	17	536	52	4	61	29	6	545
C. Most of the passages were easier than what I normally read.	18	0	0	0	0	1	50	1	50	532	18	0	0	50	50	532	38	10	68	18	4	549
<b>How much time do you spend reading at home each day?</b>																						
A. more than one hour	9	0	0	0	0	0	0	1	100	522	9	0	0	0	100	522	20	10	64	21	5	548
B. 20 minutes to an hour	9	0	0	0	0	1	100	0	0	540	9	0	0	100	0	540	56	7	65	24	5	547
C. less than 20 minutes	27	0	0	0	0	1	33	2	67	531	27	0	0	33	67	531	10	3	52	33	12	543
D. I rarely read at home.	55	0	0	1	17	5	83	0	0	538	55	0	17	83	0	538	14	1	46	38	14	541
<b>How many pages do you read in school and to complete homework assignments?</b>																						
A. five or fewer pages	45	0	0	1	20	2	40	2	40	535	45	0	20	40	40	535	25	3	53	33	11	543
B. six to ten pages	27	0	0	0	0	3	100	0	0	538	27	0	0	100	0	538	26	6	61	26	7	546
C. eleven or more pages	27	0	0	0	0	2	67	1	33	531	27	0	0	67	33	531	49	8	65	23	5	547
<b>Optional school/SAU question</b>																						
A.	100	0	0	0	0	1	100	0	0	540	100	0	0	100	0	540						
B.	0										0											
C.	0										0											
D.	0										0											

# MATHEMATICS RESULTS

Test Date: March 2009  
Grade: 5  
SAU: Indian Township  
School: Indian Township School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 562–580)	2006-2007	0	0	0	0	1711	12
	2007-2008	0	0	0	0	1617	12
	<b>2008-2009</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2119</b>	<b>15</b>
	Cum. Total*	0	0	0	0	5447	13
<b>Meets the Standards</b> – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 542–560)	2006-2007	3	20	3	20	6778	48
	2007-2008	1	10	1	9	7284	52
	<b>2008-2009</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7046</b>	<b>50</b>
	Cum. Total*	4	11	4	11	21108	50
<b>Partially Meets the Standards</b> – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 530–540)	2006-2007	4	27	4	27	3884	28
	2007-2008	3	30	3	27	3341	24
	<b>2008-2009</b>	<b>8</b>	<b>73</b>	<b>8</b>	<b>73</b>	<b>3193</b>	<b>23</b>
	Cum. Total*	15	42	15	41	10418	25
<b>Does Not Meet the Standards</b> – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 500–528)	2006-2007	8	53	8	53	1683	12
	2007-2008	6	60	7	64	1778	13
	<b>2008-2009</b>	<b>3</b>	<b>27</b>	<b>3</b>	<b>27</b>	<b>1638</b>	<b>12</b>
	Cum. Total*	17	47	18	49	5099	12

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
<b>Mathematics Total Points</b>	<b>48</b>	<b>100</b>	16.1	33.5	16.1	33.5	25.5	53.1
<b>A. Number</b>	<b>18</b>	<b>38</b>	4.9	27.2	4.9	27.2	9.8	54.4
<b>B. Data</b>	<b>10</b>	<b>21</b>	4.5	45.0	4.5	45.0	5.2	52.0
<b>C. Geometry</b>	<b>10</b>	<b>21</b>	3.2	32.0	3.2	32.0	4.7	47.0
<b>D. Algebra</b>	<b>10</b>	<b>21</b>	3.5	35.0	3.5	35.0	5.7	57.0

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.

# MATHEMATICS RESULTS

## (CONTINUED)

Test Date: March 2009  
 Grade: 5  
 SAU: Indian Township  
 School: Indian Township School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	11	0	0	0	0	8	73	3	27	533	11	0	0	73	27	533	13996	15	50	23	12	547
<b>Ethnicity</b>																						
African American/Black	0										0						385	6	35	28	30	537
American Indian or Native Alaskan	11	0	0	0	0	8	73	3	27	533	11	0	0	73	27	533	110	5	42	34	20	540
Asian or Pacific Islander	0										0						257	19	50	20	12	548
Hispanic	0										0						166	9	43	31	17	543
Caucasian/White	0										0						13078	15	51	23	11	547
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	1										1						2307	3	32	32	33	536
No	10	0	0	0	0	7	70	3	30	533	10	0	0	70	30	533	11689	17	54	21	8	549
<b>Current LEP</b>																						
Yes	11	0	0	0	0	8	73	3	27	533	11	0	0	73	27	533	365	5	33	30	32	536
No	0										0						13631	15	51	23	11	547
<b>Economically disadvantaged</b>																						
Yes	9	0	0	0	0	8	89	1	11	534	9	0	0	89	11	534	5731	7	46	29	18	542
No	2										2						8265	21	53	19	7	550
<b>Migrant</b>																						
Yes	1										1						8	0	38	50	13	540
No	10	0	0	0	0	7	70	3	30	532	10	0	0	70	30	532	13988	15	50	23	12	547
<b>Gender</b>																						
Female	7	0	0	0	0	5	71	2	29	532	7	0	0	71	29	532	6889	14	51	23	12	546
Male	4										4						7107	16	50	23	11	547
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	11	0	0	0	0	8	73	3	27	533	11	0	0	73	27	533	1918	3	39	36	22	539
No	0										0						12078	17	52	21	10	548
<b>Gifted/talented program</b>																						
Yes	0										0						450	64	34	2	0	564
No	11	0	0	0	0	8	73	3	27	533	11	0	0	73	27	533	13546	14	51	23	12	546

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number



# MATHEMATICS RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009  
Grade: 5  
SAU: Indian Township  
School: Indian Township School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	0										0						4	8	38	26	28	539
B. less than one hour	82	0	0	0	0	7	78	2	22	532	82	0	0	78	22	532	70	15	52	23	10	547
C. one to two hours	18	0	0	0	0	1	50	1	50	534	18	0	0	50	50	534	24	15	51	23	11	547
D. more than two hours	0										0						2	9	37	24	30	539
<b>Which of the following best describes how you rate yourself as a student in mathematics?</b>																						
A. very good	27	0	0	0	0	2	67	1	33	531	27	0	0	67	33	531	34	28	50	14	8	552
B. good	45	0	0	0	0	4	80	1	20	535	45	0	0	80	20	535	45	11	54	24	10	546
C. fair	27	0	0	0	0	2	67	1	33	531	27	0	0	67	33	531	18	3	45	33	19	540
D. poor	0										0						3	1	29	41	29	535
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?</b>																						
A. The questions on the test match what I have learned in mathematics class.	45	0	0	0	0	3	60	2	40	532	45	0	0	60	40	532	38	22	52	19	7	550
B. They match some of what I have learned.	36	0	0	0	0	3	75	1	25	532	36	0	0	75	25	532	48	12	53	24	11	546
C. They match just a little of what I have learned.	9	0	0	0	0	1	100	0	0	532	9	0	0	100	0	532	11	6	40	30	24	540
D. There is no match.	9	0	0	0	0	1	100	0	0	540	9	0	0	100	0	540	3	6	26	29	38	534
<b>How difficult was the mathematics part of this test?</b>																						
A. more difficult than my regular schoolwork	36	0	0	0	0	3	75	1	25	531	36	0	0	75	25	531	17	7	42	30	21	540
B. about the same as my regular schoolwork	55	0	0	0	0	4	67	2	33	534	55	0	0	67	33	534	64	15	53	23	10	547
C. easier than my regular schoolwork	9	0	0	0	0	1	100	0	0	532	9	0	0	100	0	532	19	24	49	17	10	550
<b>On average, how many minutes a day do you spend working on mathematics in class?</b>																						
A. less than 30 minutes	0										0						7	6	39	27	27	539
B. 30–45 minutes	45	0	0	0	0	3	60	2	40	529	45	0	0	60	40	529	28	9	49	28	15	544
C. 45–60 minutes	36	0	0	0	0	3	75	1	25	535	36	0	0	75	25	535	41	17	53	21	9	548
D. more than 60 minutes	18	0	0	0	0	2	100	0	0	536	18	0	0	100	0	536	24	21	51	20	8	549
<b>How often do you use calculators in mathematics class?</b>																						
A. almost every day	0										0						6	14	43	24	20	543
B. two or three days a week	9	0	0	0	0	1	100	0	0	534	9	0	0	100	0	534	24	17	52	21	10	548
C. two or three times each month	0										0						33	17	52	21	9	548
D. never or almost never	91	0	0	0	0	7	70	3	30	532	91	0	0	70	30	532	38	12	49	25	14	545
<b>How often do you use hands-on materials in mathematics class?</b>																						
A. almost every day	27	0	0	0	0	1	33	2	67	528	27	0	0	33	67	528	23	13	47	26	15	545
B. two or three days a week	18	0	0	0	0	2	100	0	0	536	18	0	0	100	0	536	31	17	52	21	10	548
C. two or three times each month	27	0	0	0	0	2	67	1	33	531	27	0	0	67	33	531	27	17	52	21	10	548
D. never or almost never	27	0	0	0	0	3	100	0	0	536	27	0	0	100	0	536	20	12	50	24	14	545
<b>Optional school/SAU question</b>																						
A.	100	0	0	0	0	1	100	0	0	532	100	0	0	100	0	532						
B.	0										0											
C.	0										0											
D.	0										0											

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards  
N = Number

# SCIENCE RESULTS

Test Date: March 2009  
Grade: 5  
SAU: Indian Township  
School: Indian Township School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information, analyze and solve difficult problems, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (Scaled Score 562–580)	2008-2009*	0	0	0	0	626	4
<b>Meets the Standards</b> – The student’s work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve routine problems and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (Scaled Score 542–560)	2008-2009*	1	9	1	9	7187	51
<b>Partially Meets the Standards</b> – The student’s work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (Scaled Score 532–540)	2008-2009*	3	27	3	27	4364	31
<b>Does Not Meet the Standards</b> – The student’s work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems. Explanations are illogical, incomplete, or missing. There are many inaccuracies. (Scaled Score 500–530)	2008-2009*	7	64	7	64	1818	13

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
<b>Science Total Points</b>	48	100	18.8	39.2	18.8	39.2	29.2	60.8
<b>D. The Physical Setting</b>	24	50	8.7	36.3	8.7	36.3	12.9	53.8
<b>E. The Living Environment</b>	24	50	10.1	42.1	10.1	42.1	16.3	67.9

The MEA assesses students’ science knowledge based on questions that measure the science accountability content standards highlighted in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard D. The Physical Setting  
D1 - Universe and Solar System  
D2 - Earth  
D3 - Matter and Energy  
D4 - Force and Motion

Content Standard E. The Living Environment  
E1 - Biodiversity  
E2 - Ecosystems  
E3 - Cells  
E4 - Heredity and Reproduction  
E5 - Evolution

# SCIENCE RESULTS

## (CONTINUED)

Test Date: March 2009  
 Grade: 5  
 SAU: Indian Township  
 School: Indian Township School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	11	0	0	1	9	3	27	7	64	526	11	0	9	27	64	526	13995	4	51	31	13	543
<b>Ethnicity</b>																						
African American/Black	0										0						382	2	31	32	35	535
American Indian or Native Alaskan	11	0	0	1	9	3	27	7	64	526	11	0	9	27	64	526	110	3	36	35	26	538
Asian or Pacific Islander	0										0						256	5	51	27	17	542
Hispanic	0										0						167	1	40	37	22	539
Caucasian/White	0										0						13080	5	52	31	12	544
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	1										1						2309	2	29	39	29	536
No	10	0	0	1	10	3	30	6	60	526	10	0	10	30	60	526	11686	5	56	30	10	545
<b>Current LEP</b>																						
Yes	11	0	0	1	9	3	27	7	64	526	11	0	9	27	64	526	361	1	23	32	44	533
No	0										0						13634	5	52	31	12	544
<b>Economically disadvantaged</b>																						
Yes	9	0	0	1	11	2	22	6	67	526	9	0	11	22	67	526	5729	2	42	37	20	539
No	2										2						8266	6	58	27	8	546
<b>Migrant</b>																						
Yes	1										1						8	0	25	13	63	530
No	10	0	0	1	10	3	30	6	60	527	10	0	10	30	60	527	13987	4	51	31	13	543
<b>Gender</b>																						
Female	7	0	0	1	14	0	0	6	86	522	7	0	14	0	86	522	6886	4	49	33	14	542
Male	4										4						7109	5	54	29	12	544
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	11	0	0	1	9	3	27	7	64	526	11	0	9	27	64	526	1917	1	31	41	28	536
No	0										0						12078	5	55	30	11	544
<b>Gifted/talented program</b>																						
Yes	0										0						450	25	72	2	1	557
No	11	0	0	1	9	3	27	7	64	526	11	0	9	27	64	526	13545	4	51	32	13	543

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

# SCIENCE RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009  
Grade: 5  
SAU: Indian Township  
School: Indian Township School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	0										0						4	2	37	35	25	538
B. less than one hour	82	0	0	1	11	2	22	6	67	525	82	0	11	22	67	525	70	4	53	31	12	544
C. one to two hours	18	0	0	0	0	1	50	1	50	529	18	0	0	50	50	529	24	5	51	31	12	544
D. more than two hours	0										0						2	4	39	31	26	539
<b>Which of the following best describes how you rate yourself as a student in science?</b>																						
A. very good	9	0	0	0	0	1	100	0	0	532	9	0	0	100	0	532	26	7	56	26	11	545
B. good	36	0	0	0	0	2	50	2	50	525	36	0	0	50	50	525	53	4	53	31	11	544
C. fair	36	0	0	1	25	0	0	3	75	529	36	0	25	0	75	529	18	2	41	39	17	540
D. poor	18	0	0	0	0	0	0	2	100	518	18	0	0	0	100	518	3	1	33	36	30	536
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about science?</b>																						
A. The questions on the test match what I have learned in science class.	18	0	0	0	0	1	50	1	50	525	18	0	0	50	50	525	23	5	56	28	11	544
B. They match some of what I have learned.	45	0	0	0	0	2	40	3	60	522	45	0	0	40	60	522	48	5	52	31	12	544
C. They match just a little of what I have learned.	27	0	0	0	0	0	0	3	100	527	27	0	0	0	100	527	23	4	49	33	14	543
D. There is no match.	9	0	0	1	100	0	0	0	0	544	9	0	100	0	0	544	6	3	40	34	23	539
<b>How difficult was the science part of this test?</b>																						
A. more difficult than my regular schoolwork	27	0	0	1	33	0	0	2	67	529	27	0	33	0	67	529	23	5	48	31	16	543
B. about the same as my regular schoolwork	45	0	0	0	0	3	60	2	40	528	45	0	0	60	40	528	58	4	52	32	12	543
C. easier than my regular schoolwork	27	0	0	0	0	0	0	3	100	519	27	0	0	0	100	519	19	6	53	29	11	544
<b>How often do you have science classes?</b>																						
A. every day	27	0	0	0	0	1	33	2	67	525	27	0	0	33	67	525	33	5	51	31	14	543
B. a few times a week	55	0	0	1	17	1	17	4	67	528	55	0	17	17	67	528	45	4	52	32	11	544
C. once a week	18	0	0	0	0	1	50	1	50	521	18	0	0	50	50	521	8	4	50	30	16	542
D. a few times a month	0										0						15	4	52	30	14	543
<b>Which statement best describes how you learn science?</b>																						
A. I mostly read a textbook and answer questions, and/or take notes and do assignments. I use science kits for demonstrations and experiments.	50	0	0	0	0	3	60	2	40	528	50	0	0	60	40	528	30	3	48	35	14	542
B. I work in groups to design and conduct experiments.	30	0	0	0	0	0	0	3	100	515	30	0	0	0	100	515	23	2	43	37	18	540
C. I do a combination of A and B, mostly A.	10	0	0	0	0	0	0	1	100	528	10	0	0	0	100	528	27	6	58	26	9	546
D. I do a combination of A and B, mostly B.	10	0	0	0	0	0	0	1	100	526	10	0	0	0	100	526	21	6	58	27	10	545
<b>How often do you make observations and collect data in science class?</b>																						
A. a few times a week	36	0	0	0	0	2	50	2	50	527	36	0	0	50	50	527	47	4	51	32	12	543
B. a few times a month	27	0	0	0	0	0	0	3	100	518	27	0	0	0	100	518	27	5	54	30	11	544
C. once a month	0										0						10	5	49	30	15	543
D. never or almost never	36	0	0	1	25	1	25	2	50	531	36	0	25	25	50	531	15	3	48	32	16	542
<b>How often do you use observations and data to support your idea about science?</b>																						
A. a few times a week	45	0	0	1	20	1	20	3	60	528	45	0	20	20	60	528	46	4	52	32	12	543
B. a few times a month	36	0	0	0	0	2	50	2	50	526	36	0	0	50	50	526	28	5	53	30	12	544
C. once a month	9	0	0	0	0	0	0	1	100	518	9	0	0	0	100	518	11	4	47	34	15	542
D. never or almost never	9	0	0	0	0	0	0	1	100	526	9	0	0	0	100	526	15	4	50	30	16	542
<b>Optional school/SAU question</b>																						
A.	100	0	0	0	0	0	0	1	100	518	100	0	0	0	100	518						
B.	0										0											
C.	0										0											
D.	0										0											

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards  
N = Number